

The U.S. Department of Energy Building Technologies Program (BTP) is developing a commercial building energy asset score program to allow building owners and managers to more accurately assess building energy performance. The energy asset score program will provide a standard tool to evaluate the physical characteristics and as-built energy efficiency of buildings. The tool will identify cost-effective energy efficient improvements that, if implemented, can reduce energy bills and potentially improve building asset value.



Gain Insight into your Building Energy Assets

BTP's commercial energy asset score program will allow for a comparison of as-built energy efficiency between buildings while controlling for differences in building operational choices. It will help commercial building owners and operators gain insight into the efficiency of their building systems and identifies potential upgrade areas. DOE is taking an iterative, phased approach to the program. Phase I will include the following building types:

- Office
- Education
- Retail
- Unrefrigerated warehouse

Who Should be Involved

Users of the energy asset score may include:

- Building owners, investors, and operators
- Valuation experts
- Utilities
- State and local governments
- Building engineers, auditors, and green building experts

A Nationally Standardized Web-based Modeling Application

The free energy asset score tool combines a simplified data input application with the powerful EnergyPlus building modeling engine. It helps owners to disaggregate building energy information and includes a mechanism for identifying energy improvement opportunities. The tool is simple to use and a preliminary asset score and recommendations can be obtained quickly with limited knowledge of the building.

Key Features

The commercial building energy asset score program will provide:

- A whole-building energy efficiency score based on the building envelope, mechanical, electrical, and service hot water systems.
- An evaluation of the current building systems that identifies inefficient building systems.
- A set of opportunities to save energy and money.
- An additional "post-upgrade" score that illustrates the potential savings from implementing the recommendations.

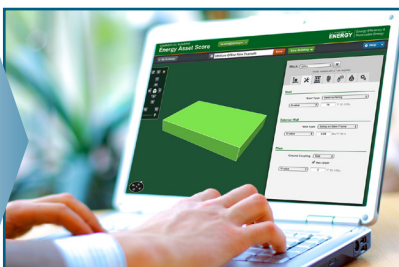
Get Involved - Join the Energy Asset Score Pilot!

Join our pilot program. DOE is seeking commercial building owners, managers, operators, or other interested parties to pilot the score and provide feedback. For more information, please contact Subid Wagley, Department of Energy, asset.score@ee.doe.gov or visit our website at <http://www.commercialbuildings.energy.gov/assetscore.html>.

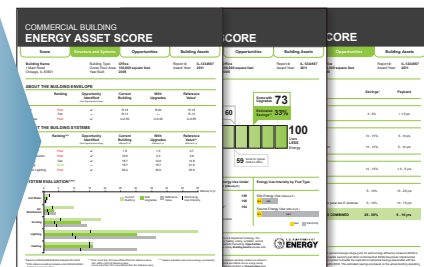
3 Steps to Receive an Energy Asset Score



1. Collect building data



2. Enter into energy asset score tool



3. Receive energy asset score report